

# ABSTRACT OF THE DISCLOSURE

(1) Monolithic ceramic filter having a portion of the partition wall of a honeycomb structure exposed with its end face on an outer wall surface 13 of the structure and increased in thickness as compared to the remaining portion of the partition wall to form a flow resistance relaxing portion 12.

(2) Monolithic ceramic filter having a groove-shaped recess 15 which is separated via a partition 10 from a liquid supply passage 11 of a honeycomb structure and which is in communication with the outside of the structure.

Flow resistance of filtrate within the partition walls may be diminished to enable efficient filtration. The filter is produced simply by extrusion molding. As to (2), there is no necessity of forming holes for discharging the filtrate.